

# WHM API 1 Functions - ipv6\_range\_add

## Guide to WHM API 1

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## Description

This function adds a range of IPv6 addresses to the server.



### Notes:

- This function **cannot** modify the server's shared IPv6 address. To update that address, modify the `/etc/whmacct.conf` file, or use WHM's *Basic WebHost Manager Setup* interface (*Home >> Server Configuration >> Basic WebHost Manager Setup*).
- For all of cPanel & WHM's features to function properly on IPv6, the `cp_srvd` daemon **must** listen on IPv6 addresses. To enable this functionality, select *On* for the *Listen on IPv6 Addresses* setting in the *System* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*).

## Function information

**API Version:**  
[WHM API 1](#)  
**Available in:**  
WHM 11.40+  
**Methods:**  
GET, POST  
**Required Parameters:**  
name, range  
**Return Format:**  
JSON, XML



### Important:

cPanel & WHM version 66 **deprecated** XML output.

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.



### Notes:

[applist](#)  
[createacct](#)  
[domainuserdata](#)  
[editquota](#)  
[forcepasswordchange](#)  
[get\\_current\\_users\\_count](#)  
[get\\_disk\\_usage](#)  
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[get\\_maximum\\_users](#)  
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[verify\\_new\\_username](#)  
[convert\\_addon\\_fetch\\_conversion\\_details](#)

## Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/ipv6_range_add?api.version=1&enabled=1&name=ExampleRange&range=2001%3Adb8%3A111%3A%3A%2F64
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/ipv6_range_add?api.version=1&enabled=1&name=ExampleRange&range=2001%3Adb8%3A111%3A%3A%2F64
```

```
whmapil ipv6_range_add enabled=1 name=ExampleRange range=2001%3Adb8%3A111%3A%3A%2F64
```



### Notes:

- Unless otherwise noted, you **must** [URI-encode](#) values.
- For more information and additional output options, read our [Guide to WHM API 1](#) documentation or run the `whmapil --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmapil` command:

```
/usr/local/cpanel/bin/whmapil
```

```
{
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "ipv6_range_add"
  }
}
```

```
<result>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>ipv6_range_add</command>
  </metadata>
</result>
```



### Note:

Use WHM's [API Shell](#) interface (`WHM >> Home >> Development >> API Shell`) to directly test WHM API calls.

• Some functions are disabled per parameter meter. Some may require that you authenticate as the root user.

[convert\\_addon\\_fetch\\_domain\\_details](#)

[convert\\_addon\\_get\\_conversion\\_status](#)

[convert\\_addon\\_initiate\\_conversion](#)

[convert\\_addon\\_list\\_addon\\_domains](#)

[convert\\_addon\\_list\\_conversions](#)

[api\\_token\\_create](#)

[api\\_token\\_list](#)

[api\\_token\\_revoke](#)

[api\\_token\\_update](#)

[disable\\_authentication\\_provider](#)

[disable\\_failing\\_authentication\\_providers](#)

[enable\\_authentication\\_provider](#)

[get\\_available\\_authentication\\_providers](#)

[get\\_login\\_url](#)

[get\\_provider\\_client\\_configurations](#)

[get\\_provider\\_configuration\\_fields](#)

[get\\_provider\\_display\\_configurations](#)

[get\\_users\\_authn\\_linked\\_accounts](#)

[link\\_user\\_authn\\_provider](#)

[set\\_provider\\_client\\_configurations](#)

[set\\_provider\\_display\\_configurations](#)

[twofactorauth\\_disable\\_policy](#)

## Parameters

Parameter	Type	Description	Possible values	Example
range	<i>string</i>	<b>Required</b> The IPv6 address range.	A valid IPv6 address range and network portion, in <a href="#">CIDR format</a> .	2001:db8:66ac:cafe::/64
name	<i>string</i>	<b>Required</b> The IPv6 address range's name.	A valid string. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"><b>Note:</b> You <b>cannot</b> use <b>SHA RED</b> as a range's name. In cPanel &amp; WHM version 54 and later, the system reserves this name for the server's shared IPv6 address.</div>	ExampleRange
enabled	<i>Boolean</i>	Whether the IPv6 address range is available.	<ul style="list-style-type: none"><li>1 — Available.</li><li>0 — Reserved.</li></ul>	1

## Returns

This function only returns metadata.

• You must use the appropriate WHM ports (2086 or 2087) to call WHM API functions.

Find a function

Related functions

twofactorauth  
\_enable\_policy

twofactorauth  
\_generate\_tfa\_config

twofactorauth  
\_get\_issuer

twofactorauth  
\_get\_user\_configs

twofactorauth  
\_policy\_status

twofactorauth  
\_remove\_user\_config

twofactorauth  
\_set\_issuer

twofactorauth  
\_set\_tfa\_config

unlink\_user\_authn\_provider

validate\_login\_token

backup\_config\_get

backup\_config\_set

backup\_date\_list

backup\_destination\_add

backup\_destination\_delete

backup\_destination\_get

backup\_destination\_list

backup\_destination\_set

backup\_destination\_validate

backup\_get\_transport\_status

backup\_list\_transported

backup\_set\_list

backup\_set\_list\_combined

backup\_skip\_users\_all

- [WHM API 1 Functions - ipv6\\_disable\\_account](#) — This function removes the IPv6 address from an account.
- [WHM API 1 Functions - ipv6\\_enable\\_account](#) — This function assigns an IPv6 address to one or more accounts.
- [WHM API 1 Functions - ipv6\\_range\\_add](#) — This function adds a range of IPv6 addresses to the server.
- [WHM API 1 Functions - ipv6\\_range\\_list](#) — This function lists available IPv6 address ranges.
- [WHM API 1 Functions - ipv6\\_range\\_usage](#) — This function retrieves usage information for IPv6 addresses in an IPv6 range.

backup\_skip  
\_users\_all\_st  
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backup\_user  
\_list

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\_legacy\_conf  
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get\_users\_wi  
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etadata

list\_cparchive  
\_files

start\_backgro  
und\_pkgacct

toggle\_user\_  
backup\_state

participate\_in  
\_analytics

cphulk\_status

create\_cphul  
k\_record

delete\_cphul  
k\_record

disable\_cphu  
lk

enable\_cphulk

flush\_cphulk  
\_login\_history

flush\_cphulk  
\_login\_histor  
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get\_countries  
\_with\_known  
\_ip\_ranges

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read\_cphulk\_  
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\_read\_profile

remote\_mysql  
\_read\_profiles

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\_update\_pro  
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remote\_mysql  
\_validate\_pr  
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r\_user

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get\_nameser  
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killdns

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listzones

lookupnsip

lookupnsips

removezoner  
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resetzone

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savemxs

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ea4\_get\_ea\_  
pkgs\_state

ea4\_list\_profi  
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ea4\_metainfo

ea4\_migration

ea4\_pre\_mig  
rate\_check

ea4\_recomm  
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ea4\_save\_pr  
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5\_add

ea4\_tomcat8  
5\_list

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cpgreylist\_list  
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addips

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get\_public\_ip

get\_shared\_ip

ipv6\_disable\_  
\_account

ipv6\_enable\_  
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disable\_dkim

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ser\_stats

enable\_dkim

enable\_mail\_  
sni

ensure\_dkim\_  
\_keys\_exist

exim\_configuration\_check

expunge\_mailbox\_messages

expunge\_messages\_for\_mailbox\_guid

fetch\_dkim\_private\_keys

fetch\_mail\_queue

generate\_mobileconfig

get\_mailbox\_status

get\_mailbox\_status\_list

get\_unique\_recipient\_count\_per\_sender\_for\_user

get\_unique\_sender\_recipient\_count\_per\_user

get\_user\_email\_forward\_destination

hold\_outgoing\_email

install\_dkim\_private\_keys

install\_spf\_records

is\_sni\_supported

list\_pops\_for

mail\_sni\_status

rebuild\_mail\_sni\_config

release\_outgoing\_email

save\_spamd\_config

set\_user\_email\_forward\_destination

suspend\_outgoing\_email

unsuspend\_outgoing\_email

validate\_current\_installed\_exim\_config

validate\_curr  
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disable\_mark  
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modsec\_disable\_rule

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modsec\_discard\_all\_rule\_changes

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modsec\_get\_config\_text

modsec\_get\_configs

modsec\_get\_configs\_with\_changes\_pending

modsec\_get\_log

modsec\_get\_rules

modsec\_get\_settings

modsec\_get\_vendors

modsec\_is\_installed

modsec\_make\_config\_active

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modsec\_preview\_vendor

modsec\_remove\_rule

modsec\_remove\_setting

modsec\_remove\_vendor

modsec\_report\_rule

modsec\_set\_config\_text

modsec\_set\_setting

modsec\_undisable\_rule

modsec\_update\_vendor

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add\_override\_features\_for\_user

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addpkgext

changepackage

create\_featurelist

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delpkgext

editpkg

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get\_users\_features\_settings

getfeaturelist

getpkginfo

killpkg

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read\_featurelist

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update\_feature\_relist

verify\_user\_has\_feature

convert\_all\_domains\_to\_fpm

get\_fpm\_count\_and\_utilization

is\_conversion\_in\_progress

php\_get\_defaults\_to\_fpm

php\_get\_handlers

php\_get\_impacted\_domains

php\_get\_installed\_versions

php\_get\_old\_fpm\_flag

php\_get\_system\_default\_version

php\_get\_hosts\_by\_version

php\_get\_host\_versions

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php\_ini\_get\_directives

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fetch\_securit  
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importsshkey

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configurebac  
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or\_all\_enable  
d\_services



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get\_application\_list

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get\_available\_profiles

get\_current\_profile

get\_password\_strength

get\_remote\_access\_hash

get\_service\_config

get\_service\_config\_key

get\_tcp4\_sockets

get\_tcp6\_sockets

get\_tweaksetting

get\_udp4\_sockets

get\_udp6\_sockets

get\_update\_availability

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restartservice

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g\_from\_file

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run\_cpkeyclt

send\_test\_po  
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on\_contact\_e  
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verify\_oscar\_  
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problems\_for  
\_domain

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ervice

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ldb

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ll\_users

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ne\_user

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st\_setup

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